Surendra Bairwa
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Professional Summary

Aspiring full-stack developer with hands-on experience building dynamic and responsive web applications. Strong foundation in JavaScript, React, Node.js, and MongoDB with proven ability to deliver complete end-to-end solutions. Passionate about writing clean, maintainable code and eager to contribute to real-world projects while continuously expanding technical expertise.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, Bootstrap, Responsive Design
Backend: Node.js, Express.js, RESTful API Development
Database: MongoDB, Mongoose ODM
Tools & Technologies: Git, GitHub, Vercel, Render, Postman, VS Code
Core Competencies: Full-Stack Development, CRUD Operations, Authentication & Authorization, State Management

Projects

Freshcart - Full-Stack E-Commerce Platform|React.js, Node.js, Express.js, MongoDB, Tailwind CSS
•Engineered a complete e-commerce web application with product catalog, shopping cart, and checkout functionality similar to major platforms like Flipkart and Amazon
•Developed secure user authentication system with JWT tokens, password hashing, and session management
•Implemented dynamic product listing with real-time search, filtering, and sorting capabilities across multiple categories
•Built comprehensive shopping cart with add, update, remove functionality and persistent cart state management
•Created admin dashboard with role-based access control for product management, inventory tracking, and order processing
•Deployed scalable application on Vercel with responsive design ensuring seamless experience across desktop, tablet, and mobile devices
•Live: e-commerce-frontend-xi-seven.vercel.app

Furniture Web - Business Management System|React.js, Node.js, Express.js, MongoDB, Tailwind CSS
•Developed a web application for furniture retailers to digitize offline order management and display product catalogs online
•Implemented full CRUD functionality allowing business owners to add, edit, update, and delete products with image uploads
•Designed intuitive admin interface for order tracking, customer management, and inventory updates
•Built RESTful API backend with Express.js providing endpoints for product operations and order processing
•Optimized database queries with MongoDB indexing resulting in faster data retrieval and improved performance
•Created responsive UI with Tailwind CSS ensuring professional appearance and usability across all screen sizes
•Live: furniture-web-ruddy.vercel.app

Pixelgenix JobPortal - Job Portal REST API|Node.js, Express.js, MongoDB
•Architected and developed comprehensive job portal backend API serving employers, job seekers, and administrators
•Implemented secure authentication system with JWT tokens and bcrypt password encryption for user data protection
•Built role-based authorization middleware controlling access to employer, job seeker, and admin-specific functionalities
•Created job posting system enabling employers to create, update, delete job listings with detailed requirements and descriptions
•Developed job application workflow allowing seekers to apply, track application status, and manage their profiles
•Designed admin panel APIs for user verification, job listing moderation, and platform analytics
•Deployed on Render with proper error handling, input validation, and API documentation
•API: pixel-backend-1.onrender.com

Education

Bachelor of Computer Application (BCA)2022 – 2025
University of Maharaja College Jaipur, Rajasthan, India

Additional Information

Languages: Hindi (Native), English (Professional Working Proficiency)
Interests: Open Source Contribution, Web Technologies, Problem Solving, Continuous Learning